

## Technical Architecture Recommendations

### STRATEGIC DIRECTION

3

The following presents major recommendations related to Annapolis's technical infrastructure:

- ◆ **Let the comprehensive municipal administration package procurement drive the choice of an enterprise computing platform:**
  - This choice of enterprise computing platform will set the preferred computing platform for other core applications
  - Based on this choice, consider the elimination of Novell from the City's technical architecture and migrate to the most current Microsoft network operating system
- ◆ **Upgrade data and phone connectivity, using the following approach in order of preference:**
  - Replacement of water mains, installation of underground utilities, or other trenching work may allow the City to install fiber-optic cables in the same trench
  - Local cable providers may be willing to provide extra fiber-optic capacity at a reasonable cost
  - Commercially available broadband services, either wired or wireless, offer a price/performance point that makes them viable solutions where a direct connection is not practical
  - City-owned wireless infrastructure may be an option, as these emerging technologies become standardized and field-proven

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- ◆ **Establish an IT asset replacement policy for PCs, servers, and other major technical infrastructure elements with appropriate funding:**
  - Levels hardware and software replacement spending over time, simplifying budgeting
  - Assures all departments of a reasonably up-to-date PC inventory
- ◆ **Establish a personal digital assistant (PDA) standard to ensure compatibility with City systems**
  - Provides calendaring and other supportive functionality on a mobile device
  - Improves scheduling, efficiency, and coordination

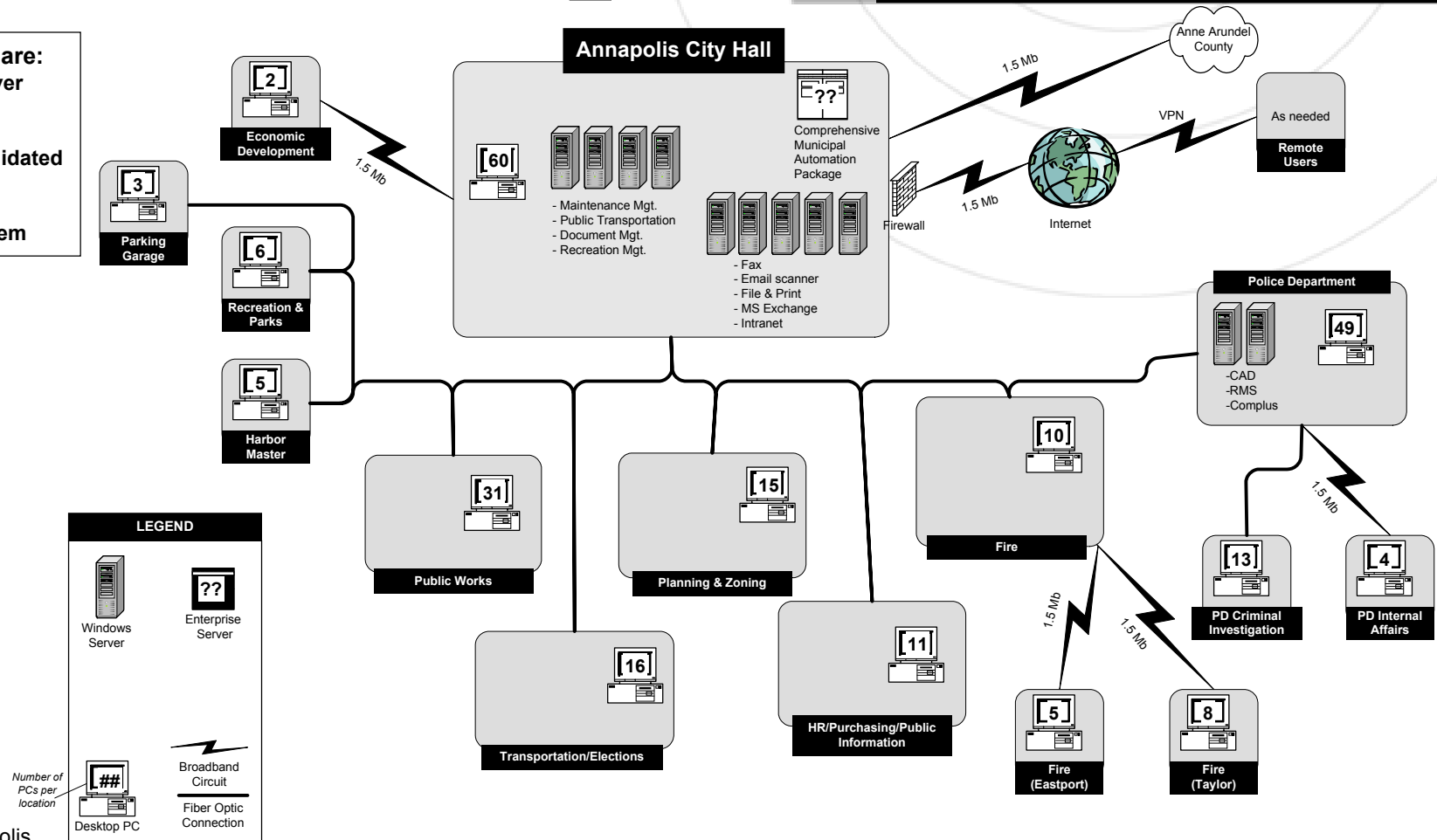
The diagram on the following page presents a high-level depiction of Annapolis's future technical architecture.

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### Major changes are:

- enterprise server
- high speed connectivity
- servers consolidated to City Hall
- NT network operating system



City of Annapolis  
Information Technology Strategic Plan  
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